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6-27-01 A

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. S01.12-0687/STL 9712

First Inventor or Application Identifier Bernardo Rub

Title METHOD AND APPARATUS FOR ENCODING WITH UNEQUAL PROTECTION IN MAGNETIC RECORDING CHANNELS HAVING CONCATENATED ERROR CORRECTION CODES

Express Mail Label No. EL844343788US

S-PTO 68/60
1033 06/26/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. *Fee Transmittal Form e.g., PTO/SB17)
(Submit an original and a duplicate for fee processing)

2. Specification [Total Sheets 24]
(preferred arrangement set forth below
- Descriptive title of the Invention)
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 U.S.C. § 113) [Total Sheets 6]

4. Oath or Declaration [Total Sheets 2]
a. Newly executed (original or copy)
 Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation -in part (CIP) of prior application No: _____

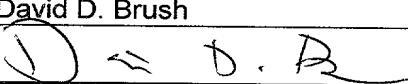
Prior application information: Examiner _____ Group/Art Unit: _____

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below

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Name (Print/type)	David D. Brush	Registration No. (Attorney/Agent)	34,557
Signature			Date 6/26/01

FEE TRANSMITTAL

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1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No <u>23-1123</u> . Westman, Champlin & Kelly, P.A.			3. ADDITIONAL FEES <table> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>Code</td> <td>(\$)</td> <td>Code</td> <td>(\$)</td> </tr> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - Late filing fee or oath</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For Filing a Request for Reexamination</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>128</td> <td>1,890</td> <td>280</td> <td>945</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> </tr> <tr> <td>148</td> <td>110</td> <td>248</td> <td>55</td> <td>Terminal Disclaimer Fee</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to Revive - unavoidable</td> </tr> <tr> <td>Total</td> <td>11</td> <td>20</td> <td>0</td> <td>18</td> <td>0</td> </tr> <tr> <td>Indep.</td> <td>4</td> <td>3</td> <td>1</td> <td>80</td> <td>80</td> </tr> <tr> <td colspan="6">Multiple Dependent Claims</td> </tr> <tr> <td colspan="6">** Insert 3 and 20, or number previously paid if greater. Reissue see below</td> </tr> <tr> <td colspan="3"> Large Entity Fee Code </td> <td colspan="3"> Small Entity Fee Code </td> </tr> <tr> <td colspan="3"></td> <td colspan="3">Description</td> </tr> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td colspan="2">Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40</td> <td colspan="2">Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td colspan="2">Multiple Dependent Claims</td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40</td> <td colspan="2">Reissue Independent Claims over Original Patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td colspan="2">Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="6">Subtotal (1) \$ 710</td> </tr> <tr> <td colspan="6">Subtotal (2) \$ 80</td> </tr> <tr> <td colspan="6">Subtotal (3) \$</td> </tr> </tbody> </table>			Large Entity		Small Entity		Fee Paid	Fee	Fee	Fee	Fee	Code	(\$)	Code	(\$)	105	130	205	65	Surcharge - Late filing fee or oath	127	50	227	25	Surcharge - Late provisional Filing Fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For Filing a Request for Reexamination	115	110	215	55	Extension for reply within first month	116	390	216	195	Extension for reply within second month	117	890	217	445	Extension for reply within third month	118	1,390	218	695	Extension for reply within fourth month	128	1,890	280	945	Extension for reply within fifth month	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	148	110	248	55	Terminal Disclaimer Fee	140	110	240	55	Petition to Revive - unavoidable	Total	11	20	0	18	0	Indep.	4	3	1	80	80	Multiple Dependent Claims						** Insert 3 and 20, or number previously paid if greater. Reissue see below						Large Entity Fee Code			Small Entity Fee Code						Description			103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple Dependent Claims		109	80	209	40	Reissue Independent Claims over Original Patent		110	18	210	9	Reissue claims in excess of 20 and over original patent		Subtotal (1) \$ 710						Subtotal (2) \$ 80						Subtotal (3) \$					
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Signature D. D. Brush

(David D. Brush)

Date June 26, 2001

Reg. No. 34,557

Deposit Account No. 23-1123